
Overlay Loader

The Overlay Loader manages the Overlay area in memory that is used to load administration and maintenance programs.

The facility to disable the primary tape unit, if the unit is faulty, is included in the Overlay Loader. The commands to disable the tape unit will be issued only when no other Overlay activity is in progress; for instance, when an abort command is issued preceding the disable command.

Problems and status of the Overlay Loader are indicated in OVL messages.

OVL messages

OVL0000	This is the Program identifier which indicates that the user has already logged into the system.
OVL0001	Loading already in progress. Action: Wait for completion of loading or enter **** to halt loading.
OVL0003 xx	Requested program xx is not in the tape directory. Action: Check if desired program should be in directory. If program should be present, inform manufacturer of defective tape.
OVL0004	Checksum failure. Action: Re-enter load request.
OVL0005	Tape unit not ready for use. Action: Confirm that tape cartridge is properly seated.

OVL0008	Unexpected or erroneous data found on tape. Interchange active and backup tapes. Action: Re-enter load command.
OVL0009	Tape contains software generic different from that resident in system memory. The programs are not compatible, Overlay program requested was not loaded. Action: Replace tape in drive with one used when system was loaded.
OVL0010	Overlay program exceeds allowed maximum size. A tape programming error has been made. Action: Notify the manufacturer.
OVL0011 xx MID	System is automatically executing maintenance Overlay xx. Action: DO NOT login until these tasks are completed, they may be essential to maintain system integrity. After a few minutes, press the carriage return to recheck system status.
OVL0012	Incorrect command format. Action: Check the command and re-enter the code.
OVL0013	Invalid input command. Action: Check the command and re-enter the code.
OVL0014	Incorrect parameters. Action: Check the command and re-enter the code.
OVL0015	Password is incorrect.
OVL0016	Allowed limits of password exceeded.
OVL0017	Overlay cannot be loaded from a TTY.
OVL0018	Password does not have access to this customer. 1. OVL020 System has aborted the current Overlay program because another TTY has successfully logged in 2. The Overlay area is required because of a system alarm, a system audit or daily routine.
OVL0020	System has aborted the current overlay program because: 1. another TTY has successfully logged in

2. the overlay area is required because of a system alarm, a system audit or daily routine.

OVL0021 aaa System requires the Overlay area one of the following tasks (aaa):

1. MID — daily midnight routines are scheduled
2. ALRM — system alarm has been triggered
3. AUD — system requires software audit
4. CDR — system requires test of CDR facility
5. SMFR — soft memory failure recovery
6. PBXT — PBXT message waiting lamp tests are scheduled

Action: Complete present work as soon as possible and enter **** followed by LOGO.

OVL0022 Manual loading of this program is prohibited.

OVL0023 Loading Overlay program from this TTY is not allowed.

OVL0058 Permanent interrupt condition detected in primary tape. The tape unit has been

OVL0059 Tape Interface card is not responding. Primary tape cannot be enabled until fault is cleared.

OVL0060 History File package not equipped.

OVL0061 A user is active in the Overlay.

OVL0066 X11 Release 1 to Release 2 conversion CR1R2 X09rI7 to X11R2 conversion C97R2.

OVL0068 Add new NARS/BARS, CDP data to existing customer—BLD1.

OVL0069 Build the DN. Translation base of the new data loaded via BLD1-BLD2.

OVL0070 ATTN admin PBX set service change.

OVL0071 ATTN admin SL-1 set service change.

OVL0073 DTI service change.

OVL0086 S1ESN ESN Overlay 1.

OVL0087 S2ESN ESN Overlay 2.

OVL0088	SCAUT—Authcode Overlay (removed from 24).
OVL0090	S3ESN ESN Overlay 3.
OVL0093	SCTEN service change tenant data blocks.
OVL0099	Software tool to replace one or more existing global procedure in core with load global.
OVL0111	The Overlay area is being used. The data output with the OVL111 are defined below. 1. OVL111 00 IDLE = System is idle. A login will result in a "" prompt. 2. OVL111 xx BKGD = Overlay area is currently executing background task (Overlay nn). A login will result in a "" prompt indicating that background task has been aborted and the Overlay loader is ready for further commands. 3. OVL111 00 TTY x = TTY. x has control of the Overlay area. No Overlay program is loaded. 4. OVL111 nn TTY x = TTY. x or maintenance set has control of the Overlay area. Overlay program nn is loaded. DO NOT load in until user has been identified and given a chance to complete his task or to stop. 5. OVL111 00 SL-1 = maintenance set has control of the Overlay area. No Overlay program is loaded. 6. OVL111 nn yyy = System is automatically executing a maintenance task. DO NOT login unless absolutely necessary, until these tasks are completed. They may be essential to maintain system integrity. Recheck system status by pressing the carriage return key again after a few minutes. The value yyy may be: 1. MID—daily midnight routines are scheduled 2. ALRM—system alarm has been triggered 3. AUD—system requires software audit 4. CDR—system requires test of CDR facility 5. PBXT—PBXT message waiting tests 6. SMFR—soft memory failure recovery If the input device is an SL-1 telephone, OVL111 is represented by a busy tone or overflow tone. The telephone can be returned to the call processing mode by going off-hook, then on-hook. This procedure is useful if you do not wish to abort the current Overlay activity.

OVL0202	Route member does not exist.
OVL0305	Bad message received from the System Monitor (NT8D22). Action: Use "STAT XSM" command in LD 37 to check the System Monitor status. Check the cabling between the System Monitor and the SDI port.
OVL0306	This Overlay can not be active during Peripheral Software Download (PSDL). Action: 1. Wait until PSDL is complete. 2. Use the SUSP command to suspend the PSDL and load the required program (LD xx SUSP). Use SUSP with caution.
OVL0307	You do not have access to the Resident Debugger (LD 8).
OVL0308	Incorrect password entered for the Resident Debugger (LD 8).
OVL0309	You do not have access to that Overlay.
OVL0310	With LAPW enabled, maintenance sets are not allowed to load this Overlay.
OVL0352	List requested is not system speed call list (network speed call).
OVL0353	The security cartridge cannot be read, or the cartridge ID does not match the ID in the directory file. LD 135 and LD 137 can still be accessed.
OVL0354	Tape ID does not match system ID. Incorrect tape or disk is being used, or there is a system ID cartridge malfunction on MSI. LD 135 and LD 137 can still be accessed.
OVL0355	The directory file cannot be read to obtain the ID for comparison to security and system IDs. LD 135 and LD 137 can still be accessed.
OVL0400	Failed log on attempts by incorrect password (PWD1 or PWD2). Output data may be any of the following: Where: x = TTY x is locked out. Too many invalid passwords x y = x failed logins on TTY y TTYx y = TTYx was locked out y times
OVL0401	The Audit Trail buffer is full. It will now start to wrap.
OVL0402	There is not enough memory for the Audit Trail. It will now start to wrap.

OVL

OVL0403 x	You have logged on in HOST mode on TTY port x. Other ports will not receive any messages (CDR, BUG, ERR, MTC, SCH or TRF) output to this port.
OVL0404 x aaa bbb	TTY port x is in HOST mode and this TTY will not receive message types: aaa bbb. Where messages types can be one or more of CDR, BUG, ERR, MTC, SCH or TRF. MTC represents all maintenance messages.
OVL0405 xx	Attempt to load an Overlay program xx on A2 disk. Action: You must restore disks to the hard disk before using the Overlay programs on the A2 disk.
OVL0406	Low speed link is used by the other terminal.
OVL0407 xx yy	Requested number of cache buffers cannot be allocated. Protected data store is below safety limit. Increase the memory before more cache buffers can be allocated. Where: xx = # buffers requested and yy = # buffers allocated.
OVL0408 xx	Too many priority Overlays. Where: xx = number of priority Overlays which have been removed automatically.
OVL0409	Initialization of OVL pipe failed.
OVL0410	No pipe is available for use.
OVL0411	LD 135, and LD 137 are the only LDs available for task Overlays.
OVL0412	Cannot spawn the requested Overlay task.
OVL0413	Cannot kill the Overlay task.
OVL0414	Send character to Overlay task through pipe failed.
OVL0415	Displayed after a successful login if the Last Login Identification feature is enabled. It contains the time and date of the last login and the number of failed login attempts. The format is: TTYxx nn PWD yyy mm/dd hh:mm Where: xx = the TTY port number nn = number of failed login attempts count since the last login at this port yyy = password identification = 1 for PWD1 or 2 for PWD2 00-99 = indicates LAPW password number between 00 and 99 mm/dd = last login date hh:mm = last login time

OVL0416	You cannot monitor this port. Action: Try another port.
OVL0417	Password level is incorrect. Action: Login with PWD2 password, or a LAPW password that allows the command.
OVL0418	The monitor feature is already in use. Action: Use MON OFF to turn the monitoring feature off before using it on another port.
OVL0419	Send print (SPRT) is already in use. Action: Use SPRT OFF to turn the feature off, then use SPRT xx to turn it on another port.
OVL0420	That port is busy, or already logged in.
OVL0421	That port does not physically exist.
OVL0422	That TTY port type is not SCH or MTC.
OVL0423	This is not a logged in port.
OVL0424	The maximum number of users are already logged in.
OVL0425	You cannot force logout yourself. Action: Check the port number when using the FORC command.
OVL0426	There is not enough memory available for the Overlay data area.
OVL0427	The disk unit is busy. Action: Try again later.
OVL0428	Login name and password combination is invalid. Action: Check the password and login name and try again.
OVL0429	Overlay memory space is in use.
OVL0430	Send message command is already turned off.
OVL0434	Unable to initialize system message lookup.
OVL0435 n	Invalid lookup type received by help task: n.

OVL0436 n m	B-tree read failed for language n, rrn = m
OVL0437 n	Unable to open message file for language n.
OVL0438 n	Could not open B-tree index file for language n.
OVL0439 n	Unable to read B-tree root page for language n.
OVL0440 n	B-tree initialization failed for language n.
OVL0441	Help text could not be found for the specified error code.
OVL0442	The error code specified is not a valid error code.
OVL0443	Unable to send request.
OVL0444	Unable to create help task queue.
OVL0446	The LON and LOF commands are not applicable to MSDL TTY.
OVL0447	Use LD 135 for Option 81 Core Common Equipment Diagnostic. LD 35 does not apply.
OVL0448	System message lookup is temporarily unavailable. Action: Wait 30 seconds and repeat request.
OVL0451	TTY is not a low speed link.
OVL0700	Resident debug package is not equipped.
OVL0777	Resident debug package is already loaded.
OVL0778	LSL with flow type of MAIL is not accessible from a pseudo TTY.
OVL0779	There is more than one LSL configured in the system. Action: Use AX n, where n is the TTY number of the LSL to be connected to.